# UNITED STATES PATENT AND TRADEMARK OFFICE

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/929,717 | 08/13/2001 | Rangaprasad Govindarajan | 24148115.000027 | 8929 |

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| 7590     08/03/2004 | EXAMINER |
| R. Scott Rhoades | HAMILTON, MONPLAISIR G |
| Strasburger & Price, LLP | |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2135 | |

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DATE MAILED: 08/03/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on _06 May 2004_.

2a)☒ This action is **FINAL**.        2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) _1-16_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-16_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All  b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

## DETAILED ACTION

1.      The communication filed on 5/06/04 amended Claims 2, 3, 10, 11 and 13.  Claims

1-16 remain for examination.

### *Response to Arguments*

2.      Applicant's arguments with respect to claims 1-16 been considered but are moot

in view of the new ground(s) of rejection.

## *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3.      Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Baum et

al (US 6,400,707).

Referring to Claim 1:

Baum discloses a method for securing a communication session over a packet

data network, said method comprising:

receiving a signal including a port number associated with a first terminal (col 7,

lines 25-30);

receiving data packets from a second terminal for transmission to the first

terminal (col 7, lines 40-55; col 9, lines 10-15;); and

transmitting the data packets to the first terminal, wherein the data packets

identify the port number associated with the first terminal (col 7, lines 55-65).

Referring to Claim 2:

Baum discloses the limitations of Claim 1 above. Baum further discloses

receiving the signal including a port associated with the first terminal further comprises:

receiving communication setup signals including the port number associated with

the first terminal (col 6, line 50-col 7, line 40).

Referring to Claim 3:

Baum discloses the limitations of Claim 2 above. Baum further discloses wherein

receiving the communication setup signals further comprises: receiving a Session

Initiation Protocol Invite signal (col 7, lines 5-20).

Referring to Claim 4:

Baum discloses the limitations of Claim 1 above. Baum further discloses

determining the port number identified by the data packets (col 7, lines 35-55).

Referring to Claim 5:

Baum discloses the limitations of Claim 4 above. Baum further discloses wherein

determining the port number identified by the data packets further comprises: examining

a layer of protocol stack associated with the data packets (col 6, lines 20-35; col 7, lines

55-65).

Referring to Claim 6:

Baum discloses the limitations of Claim 1 above. Baum further discloses

discarding the data packets, wherein the data packets do not identify the port associated

with the first terminal (Fig. 4; col 7, lines 50-65; col 8, liens 10-20;).


Referring to Claim 7:

Baum discloses the limitations of Claim 1 above. Baum further discloses

receiving a termination signal for the communication session (col 7, lines 50-55);

receiving data packets identifying the port number associated with the first terminal after

receiving the termination signal (col 6, lines 1-10); and

discarding data packets received after receiving the termination signal (col 6, lines 1-10).


Referring to Claim 8:

Baum discloses the limitations of Claim 1 above. Baum further discloses the data

packets comprise digitized voice signals (col 4, lines 40-50).


Referring to Claim 9:

Baum discloses the limitations of Claim 1 above. Baum further discloses the first

terminal comprises a mobile station (col 3, lines 55-65).

Referring to Claim 10:

Baum discloses a firewall for securing a data session, said firewall comprising:

a plurality of input/output ports (col 9, lines 45-55) for:

receiving signals including port numbers associated with a first plurality of

terminals (col 7, lines 25-40);

receiving data packets from a second plurality of terminals for transmission to

the first plurality of terminals (col 7, lines 55-65); and

transmitting the data packets to the first plurality of terminals, wherein the data

packets identify the port numbers associated with the first plurality of terminals (col 7,

lines 45-55);

a memory for storing a plurality of records, each of said records associated with a

particular one of the first plurality of terminals, wherein each records comprises (col 7,

lines 40-55):

a first terminal identifier for identifying the particular one of the first

plurality of terminals associated with the record (col 7, lines 40-55); and

a first port number identifier for identifying the port associated with the

terminal associated with the record (col 7, lines 40-55).

Referring to Claim 11:

Baum discloses the limitations of Claim 10 above. Baum further discloses

a processor for executing a plurality of instructions; and wherein the memory stores the

plurality of executable instructions, said plurality of executable instructions comprising:

comparing the port numbers identified in the data packets for the first plurality of

terminals with the port numbers identified by the first port number identifiers of records

associated with the first plurality of terminals (col 7, lines 45-55).

Referring to Claim 12:

Baum discloses the limitations of Claim 11 above. Baum further discloses the

instructions for comparing further comprise instructions for examining a layer of a

protocol stack (col 5, lines 50-65).

Referring to Claim 13:

Baum discloses a computer readable medium for storing a plurality of executable

instructions, said plurality of instructions comprising:

storing a port number associated with a first terminal, responsive to receiving a

first signal for establishing a data transfer session between the first terminal and a second

terminal (col 7, lines 25-55);

comparing a port number identified in data packets with the port number

associated with the first terminal, responsive to receiving the data packets (col 7, lines 40-

55); and

transmitting the data packets to the first terminal, wherein the data packets

identify the stored port number (col 5, lines 55-65; col 7, lines 55-65).

Referring to Claim 14:

Baum discloses the limitation of Claim 13 above. Baum further discloses storing an

address associated with a second terminal, responsive to receiving a second signal for

establishing the data transfer session (col 7, lines 40-55).

Referring to Claim 15:

Baum discloses the limitation of Claim 14 above. Baum further discloses

comparing an address identified in the data packets with the address associated with the

second terminal (col 7, lines 35-55).

Referring to Claim 16:

The computer readable medium of claim 13, wherein the first terminal comprises
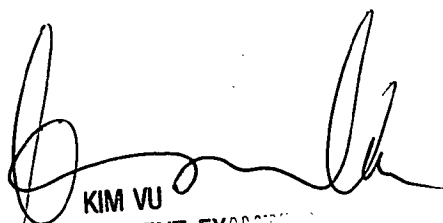
a mobile station (Fig. 2; col 3, lines 55-65).

## *Conclusion*

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Monplaisir G Hamilton whose telephone number is (703)

305-5116. The examiner can normally be reached on Monday - Friday (8:00 am - 4:30

pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kim Y Vu can be reached on (703) 305-4393. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

Monplaisir Hamilton

KIM VU
SUPERVISORY PATENT EXAM...
TECHNOLOGY CENTER 21C.